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coof the

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FOR

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BY

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Diphtheria This diseusewas first described, and called Diph therite by M. Britonneau of Jours. in 1826. It has been known as an epidemie disease for the last three centuries, although not recognized by this term, The times that have bun used at different periods to designat the disease are Madein Egyptianus Morbus Nuffreams, Farrotillo, Augina Suffreativa, Jula Morbus, Opidencious Strangulatorius, Mens Syciacus, Tutrid Son Throut, Sore Throat Distroper, Breado, Membranous Thurgagitis, Black Jonque, and Dipletheria of the wintenth

century, According to writers, this disease prevailed in Hollandin 1337, and 1557, also some parts of Brance in 15 36; Andulusia and other parts of Spin in 15 90 and 1551. At prevailed in Sicily, High und officer in the sixtuenth, and seventureth centuries, It visited Ongland, Line, Holland, Sweden Fernany, and North America about the middle of the last century, and almost if not entirely disafficied until the first quarter of the present century. For the last few years it has prevailed epidemich in Freat Brittain and nearly all fants of the united States. Miters have devided The disease into severalemites

Dr Madden of England in the Buttish found of Homoespathy makes findivision Dr. Duke of Pittspury classifies his cases into six varieties. I think, as far as my observation your that there are three destruct typis of the affection, wis The Simple, Croupous and Malignane In the simple from there are but few prodromie symptom, sometimes none atall, but is usually preceded by a slight malaise for a few days before The Throat becomes sore; Sometimes drow - siness, and chilliness accusionas sting eventoshivering, followed by febrie reaction. Sometimes Jains in the limbs

and head; and less frequently naused and vomiting. More commonly The carliest complaint is of slight stiffens of the neck, sources and a pricking sensation in The faces. On examination the glands at the angles of the lower jan are almost always found to be slightly swollen and tender to the touch Internally, one or bothe lousils are found to be swollen, and usually reddened and inflamed, but may be enlarged without being reddered to any great extent. The redness rose colour in young children and of crimson or deep claset colour

in older children and adults; the hun almost always varying with the inten - sity of the disease. The arches of The palate, the velum, will and sometimes the posterior wall of the plany participate more or less in the inflam - matory action. Together with these symptoms, we have fever of a synochal type. Offine hot and dry, pulse somewhat weellerated full hard and bounding; toss of appetet bowels constituted unive

disease progresses without any deplete - ritie exudation; but usually the peculiar exudation may be detected within twenty-fores hours after the commencement of The disease. The mem brane most prequently makes its appearance on the tonsils. Sometimes it is in very small patches not larger there a pens head, which merean in size, and finally couleses, forming one larg patch covering the whole tonsil The membrane increases in circumseine and in thickness, centil the disease has reached its acme, when it is thrown off ether in sheds, or, small patches; or

else it comes wordy entire . The simple type usually reaches its across in from four to eight days, In some casesthe membrane may be throwing about the fourth day, and the patient become con -vulescent, while in other cases the guda-- tion extends sulo the pharque, and fostiso nares, and may extend into the mouth, even reaching The incisor bethe covering the whole roof of the mouth. With the above symptoms The patient is seldone contalescent under eight orten days, Jone writers have described Diphtheria ashaving nearly the same symptoms a ommon catarsh with the exception of the exudation

I consider what they call Diphtheria to be nothing more or less than dight thirtie sore Mosat; which almost always prevails when Diphtheria is epidemic. When Diph -Theria is epidemie other diseases such cas erysipelas, scarlatina, subeola de, may have This peculiar exudation, what can be more reasonable than to expect common catarra should take on the diplotherite; Mysicions, who have had the good wear to ceese all cases of Diphtherie, and have lowdly proclaimed it to the world, in all probability have been fortunate enough no

In a genuine case of Dighthusia of the simple type at the commencement there is fever of a synochal type, which changes into the adynamie in fron 10, lo 48 hours ,-The symptoms that charactings This change are great prostration of the whole system; accelerated, weak, Thready, and intermittent pulse: laboured respiration, the surface of the body becomes cool and the skin feels channy to the touch. Stools of a deasshow'e character, naused and consiting, fristax is Se se. If her the disease is about to take a favoral turn, we have a refreshing stumber, a copious diapone -esis, a diminution of the swelling of the glands an assist of the munhounous deposit, and its

gradual disappearence, a slowerfulse and returning appetite, and thength The Prouhous Type In the croupous trope we have musty the some symptoms as in the simple form at the commencement of the disease together with others of a more alamines character, which show that, the largery is invaded, The crowpour variety generally superous those cases, which at the commensument assumed a mild type usually that of follientes angina, or, in other cuses invading the anterior, and posterior nares, and upper portion of the pharyny of hibiting offoutset only the symptoms of ordinary cularrh. In other cases the disease locales etself

in the larger at the very outset, and may not make its appearance upon the uniquelale, or any part of the fauces during . The whole course of the complaint. Whin the largery is invaded the symptoms in act - dition to the simple type are. Short, difficult and house respiration, accompanied by a shill harsh, ruttling, or metalic sound; the cough is also of the same character. Forsetimes this type is ushered in with the common symptoms of croup, and may be mistating on that disease, although there is usually swelling of the tousels and faces besile other symptoms of a constitutional chasacter, which do not accompany croup,

The beatting in Diphtherice is peculiar particular during sleep, and when once heard will never be forgotten although it is very hand to describe. It consists in a short moin sound, which at times may be heard at a great distance, The eyes protecte, and seem as though they would bust from their sockets while they be come very brilliant, The face assumes ableish, waxey appearance The voice becomes surfaced; Sometimes there is complete whomice. Inall cases of this type the voice is more or less impaired, and in nearly all There is complete loss of voice for a langer or shorter period. In alunge answer of cases it is utterly suporth

for them to make a lowel noise for ten or twelvedays, such cases seldom regain their voise, weeks, and sometimes months, In this form of the disease, when it is about to turn favorably. The membrane is thrown off when respiration becomes more natural the skin gradually turns to its normal whour, and there is a gradual return to health. On the other hand, if thedisere les to termenate emfavorably, all the symptoms increase in severity, The breathing becomes more und more laboured, The patient garps for breath, thousts his hunds into his mouth und grashs at the mick or dothing to endeavor to gain mos

the blueness of the skin increases, and the horsil whastliness of countanance until death finally closes the scene. In the crowhous, death (or convulescence) generally ensues within 12 hour safter the mirasion of the taryon The Malignant Dyhe. In the malignant type of Diphthinice these are rearcely any prodromie sympton The disease is usually ushused on by own almost unendurable pain in the head, back, timbs, stomach and bowels acen -panied by vomiting and purging of foeled, bloody and deproved seen -tions, yessive prostration and atter

mability to retain anything whom the stomach. He may have all these symptoms before the appearance of the diphtheritie exudation, Though The peculiar Joelor of the disease is as apparent as at any subsequent time. The factor of Diphtheria is preceliar to this deseasealone and the physician who is acquainted with the disease cannot fail to form correct diagnosis at the very onset. by this sign alone In many cases on entering the sick room, and frequent Very often the foctor is of such a putrick

character that the fatient himself complains; and it is unendurable by the physician and attendunts so much so, that the stomach often relieves itself of its contents, abnost instintaneously, regardless of position, or circumstances. Tometimes Thereisenomous swelling of the glands of the throat togetherwith the adjacent tissue; at other times. little ormone. They are frequently swollen to such an extent as to render it unposseble for the patient to get the mouth ofen far enough for the physician to examine it.

The longue also is frequently so enlarged as to entirely fill the mouth, and in some instances cannot be retained within the mouth. In cases of this kind, we frequently have a rash, which results the rash of Scarlatina. Thistoxis is not of unfrequent occurrence, and in the last stages is of a persistant character seeming thereby to hasten the gatal issue. With the above symptoms There may, or may not be a considually wash leather deposit. The extent or amount of the exedution does not depend whon the severely of the disease,

nor does the severity, or fatality, defend whom the exudation in all cases In many cases that prove fatalthe somest there is but little swelling, on exudation. In the malignant form we have fever of a tophoid type at the very commencement; the pulse is weak, thready, intermettent, and very much accelerated not impiqually it is as high as 160 beats personnete The proceeding prostsation occurs at the very onset in nearly all cases, and sometimes it is so great asto render the hatintas hours. In some cases of this type the

disease tocutes itself in theanterior, and posterior mares, and makes it seem as though the head was one wass of corresption. Othere is a constant discharge from the month and nose of a very offensive character. I remember some cases, in which the discharge amounted to a quast in twenty four hours, and continued for about ten days, or until the swelling had nearly all disappeared, and the patient become convalescent; in others the discharge would suddenly cease about The gifth day, and there by appeared hasten the galal terrination Inmun cases where there was enormous swelling

of the throat, and a large quantity of false membrane; the swelling suddenthy sus - sided; the mem from was all thrown off, and deglutition became nearly normal The patient and all who were not conversant with this insidious form of the affection thought him to be past-old danger, suddenly sunk to death without a sigh or a groun, overwhelmed by the consti--tutional poisers. Mark all writers apon Diphthisia tell is that death is caused by the impured amation I the blood, I think (notwith dandin The opinion of others, as for as my observe that death seldontokes

whave by asphyria: having seen swered hundred cases of the very worst form of the disease, many in which it from Satal, I never saw but one die from Suffication. Had I time and Thace, I could relate numerous case to prove my assertions, but, as I must be bief, Dwill leave this part of The subject, and proceed to investigate the causes of the diseas The caseses of Diphtheria may be considered as predisposing and Among the predisposing causes may be named errorsme

diet, over exertion of body ormind, dampness, poor ventilation, infroper attention to cleanliness, exposure, and a scrofulous diathesis & c&e. The exceting cause probably in most cases is owing to an epidemic influ - ence, Marly all writers whon the subject, call it both an epidemie and endernie disease, M. Bulonna thought it to be contagious or that that the disease could not spreadonly by innoculation. What the disease can be produced by innoculation there is not a particle of doubt in my mind, notwith danding the

opinion of others. Quite a number of cases have occured under my own of su. -valion. That go to prove this assistion. One was in a physician who had a small wound whon his hand and white examining a patient's throat some of the exudation was thrown off and come in contact with the wound; the result was inflammation of the hand and arm extending to the shoulder, which immede - ately produced constitutional sympton of a sevese character. He was obliged to give up all business for some time and came very near to sing his hand, and also his life

This happened to an allow path while cautivizing the fauces and on the whole I think served him right Another similar case cameun -der my notice; amondwhileworking some clothes that had been used about his children through their sickness in this disease, produced a small blister on one finger, which probably absorbed some of the poisen, and immediates resulted in inflammation, and the geneine diphtheritie exudation The muntam formed, and was rown off several times in to fort the cese of his hand for

sometwo or these months and came near toosing his life, hum things might be brought to notice to have the disease contagnous and of its being conveyed by formetis. Although the diserese does not seem to be governed by fixed laws of merebation together with the immunity of a second attack generally secured by disease's consider contagnous, get I believe the disease infectious; and to a greater or less extent contagious Deagnosis. Diphtheria may be confounded with several diseases by theinexperiences

practitioner. In most common of these are, croup; Scartatina and gangemous thurspills. In any one of these we do not have the precedicing setor, nor the presure of the false membrane, which charactures Diphtheria. The rush in Diphtheriu does not occur until about the secondwer and is not constant, nor does it come off in patches like Scaslalina. As for as I have observed, we have rash in about one tenth of ases in Sigh-- Theria while in Scartatina we always have rash. Dathology Un account of the mall number of post mortin examinations, the Nathan

of Diphtheia is not fully established, but in nearly all cases that have been examined after death was found more of less influmnation of The tonsils, facces, pharyng, farmy anterior and posterior nases, with The pseudo membranous deposit. This is found in the heart, bronchie, brain and in all the mucous surfaces of the body; the chief points of deposit however, are found to be, first The tousils, then the mucous membrand is it is reflected upon the ejuglottis from the base of the longue, the palate, exclum, phanyly &c.

membreme varies in colour from white, grey to ash or dark almost black The composition of the Membrane. I have but little to say whom This point as it is a mooted question. Some writers consider it to be entirely albuminous while others Think it is fibinous and a third class believe it tope of a parasitie origin. I think how - ever fram numerous experiments that have been made, that it is albuminous. This is verified by its coaquilation on the application

of heat; also, by the albuminous precipitate when treated with nitrie aciel le In the prognosis of the disease no direct sules can be laid down On some localities nearly all recover while in others it is just the severse, In the simple form The prognosis is favorable, but in The crowpaus, and maligneral type it is very unfavorable, The simple farm may run into the espectace which will send of it unfaviras In the malignant type death may

occur in a very few hours, but does not usefally under a welk or ten days. There are some symptom that may always be regarded as undavorable, Among these are the invasion of the larger and trached. Exceeding high pulse. coldness, and blumess of the extremely and surfaces. Opistaxis, and darks appearance of the faces; extensive discharges from the nostrils; comiting and diesshoed at anadounced stage of the complaint hassage of membrane from noultions, petichia, rigors, &c.

There are certain conditions attending the most impavorable cases, which after considerable experiencewill enable The attendant to give a very correct prognosis in the case, lun at the commencement, and furthermore well allow the Thypician as he seems community to judge pretty correctly who, and what temperaments are most surely to be offered the fell destroyer, As I have said befor death may occur in the putricity in from exto tendays, or ofter severity of the disease has opposing The patient may hinger for

weeks and months and at fast succomb by reason of nervous expanstion, Dequelar. The sequelar of this disuse many benamed legion", for they are many, Uniong The most common of these are rash, rheumatism, spistavis, strunguary, congregandum abscisses otosshoed ossena, erysipu Strapesmus, impaired vision, dropsey a peculiar nasal twang of voice, affection of the spinal marrow, paralysis, etc se, Toshaps the most peculiar, and most frequently recurring seguelue is the great prostrution of the nervous system.

evidence of the intructability of a of a thousand "sure cuses" or theufie" for showmatism, and notwithstanding This disorder is still one of the most intractable of my that exist in The hands of scientific, and well physicians. This is pricisely the dese with Dihlthinia. Mann notiales have been thoust whom the fueble profession from time as specifies for This disease,

get no true specific has bein found nordo I believe there ever will. In the treatment of this disease we must first consider the origin or seet of the disease, Manyalloupthe and some homorapaths be live this to be a local complaint, and af course treat the disease accordingly, I believe the disease to be constitution If it is not, you can we account for The constitutional disturbance before There is any tocal difficulty? In many cuses The total complaint day not make its oppeerance until the patent is past all cure, there is such

a change in the blood as to under it almost destitute of vitality, A have seen some cuses whereat The very commencement, the blood would not coaquelate in the least; and for this season it must be can clusive exidence that it had lost one of its most importantinged -ints; the fibrin. This fact alone, I'm my mind, seems to prove that the membrane cunnot be composed of Librar, and gurthumore shows the origin or seal of the disease to be in the blood, consequently the treatment should be constitutional

I think the experience of all scintifly physicians in the treatment of this disease will coencide with these views, Jearly all, both allowhotts and homoespath, who have had but lettle experience in the treatment of the disease, desect their whole treatment intirely to the local affection This accounts for the great mortality when the disease first makes its offer. - and in any locality. As They become better as quaintedwith the complaint, this mode of treatment generally falls into disrepute. For far as cusative agencies use consumed

topical applications are of no value; The cause remaining unabated the procluction of the falsemembran will continue; additional inflamme - tory action will certainly superound and The fateut's sufferings will be increased, while the nervous ysten will be seriously affected by the excite - ment produced by the operations. There may be mistances, however when suffortion from the presure of the exedution within the faces ismuniment and in or gain time for the action of suternal medicines, that topical

applications man be recommended Many articles have been recomme -ded by the profession, from time to time, as the very best for This purpose. These are theminian of iron, and glycerine, sulph, acid amonia, sulphate of copper or zink. mitrate of silver, by dro - chloric acid. Spirits of texpentine, tannin, voeline, tar actue, racina a Kuli chla, se be. I have seen some of these used, and on the whole think the muriate of iron the very best, In applying this we should have a currel hair

brush, which should be thorough saturated with the tincluse and applied to the membrane immediately the featunt coughs and in most instances the men - brane is thrown off. Whis is merely a pulliative, and doe not have any curative office whatever. Oversthing that could be thought of Voyor wise old ladies) has bee used as one external application to the throat but the very less that ever has been used is water, cold or warm, if to allay pain,

use it warm, but if to subdue local congestion's and influ - mations and the condition of the fatient would allow it; use it cold, In some cases much benefit muy be derived from the use of alle wholie stimewhis, together with a generous diet; while in other cases, it only sums to increase the falients sufferings. The internal remedies, that have proved most finificial in this disease are The difference preparations of Mercury, Cupresse, Cafrieum, Dantharis, Mali bie

Grotal, tig. Hefur, sul. Phos. Bry. Lachis, Offongie . Jastor com. Spieae, Antinomen coud, some of the acids we be - Jonne of Thise have been considered specifies; for instance, one says he has found Bry and, to use all cases; unother Thackesis, Gell, and Julinemungent. and others Browning, and Muneumors side but as fur as my observation goes, I do not believe that any one resordy will cure every case of Dipplusia or any other disease Thysicians, who have cured all cuses of this disease with the high attenuations by giving one dose

and allowing it to act twenty-four herers, before any change was mude, probably have not had The worst forms of the disease to treat; if this were the case they would notbeunder the necessity of making but one prisoription, because, in all, human probability, this Juliant would be a fil subget for the undertaker before twenty- fours wouldelofse The remedies that are most serviceable in the first stage of the complaint, are seon

Bell. Capsicum, Toali, chlor. Mere, be j'od. In the latter stage. Bell. Mare, Lijad, Mitrie, ac. Mourac. Sulphace Stibium, Rhu tox, Thos. fismieum. China. Carbo, veg. etc. In The croupous variety Aconite, Hepar, sul, Podine Kali, bieho and Sponged last Marie sum fact coses of The croupous type, which were entirely de Spongia; indeed I never a case of this type

Bell. Capsicum, Hali, chlor. Mere, be j'od. In the latter stage. Bell. Morre, Lejad, Mitrie, ac. Mourae. Sulphace. Stibium Rho tox, Thos. fismiena. China Carbo, veg. etc. In the csoupous variety Seoute, Hefur, sul. Podine Stali, becho and Sponged , last, I have su Sad coses of The croupous type which were entirely controlled by Acouste Hefar, d Spongia; indeed I never a case of this type

that proved fortal, although have seen where the membrane Somed in the largery, trachea, and brouchial tubes, and was thrown of ma complete moula of the whole air passages; Therefore I think nearly all cases of this type may recover if they have proper treatment. There is one direct will if lived cepton that will cure all case this is to preseribe at

all times and under all circumstances according to the great and only law of cure Gimilia Gimilia Ourantur I believe every disease that ever was, or wer can be cured must be in accordance with this law and I believe theday will surely come, when all physicians will treat diseases according to homocofathic principles They swift around yearhuls of time, and bring the welcome day"